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Entry 1 of 2

File: USPT

Feb 2, 1999

US-PAT-NO: 5865435

DOCUMENT-IDENTIFIER: US 5865435 A

TITLE: Game apparatus using an object of which movement determines a result of a game

DATE-ISSUED: February 2, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ikeda; Yuji	Tokyo	N/A	N/A	JPX
Jin; Yasuo	Tokyo	N/A	N/A	JPX

US-CL-CURRENT: 273/145R; 124/4, 124/6, 124/79, 273/129V, 273/138.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Image
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☐ 2. Document ID: US 5707061 A

Entry 2 of 2

File: USPT

Jan 13, 1998

US-PAT-NO: 5707061

DOCUMENT-IDENTIFIER: US 5707061 A

TITLE: Game apparatus using an object of which movement determines a result of a game

DATE-ISSUED: January 13, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ikeda; Yuji	Tokyo	N/A	N/A	JPX
Jin; Yasuo	Tokyo	N/A	N/A	JPX

US-CL-CURRENT: 273/145R; 124/79, 273/129V, 273/138.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Image
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Entry 1 of 8

File: USPT

Oct 19, 1999

US-PAT-NO: 5967892

DOCUMENT-IDENTIFIER: US 5967892 A

TITLE: Video crane game

DATE-ISSUED: October 19, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Shoemaker, Jr.; Stephen P.	Redondo Beach	CA	90277	N/A

US-CL-CURRENT: 463/7; 273/448, 273/454, 345/156, 463/37

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Image
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☐ 2. Document ID: US 5913727 A

Entry 2 of 8

File: USPT

Jun 22, 1999

US-PAT-NO: 5913727

DOCUMENT-IDENTIFIER: US 5913727 A

TITLE: Interactive movement and contact simulation game

DATE-ISSUED: June 22, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ahdoot; Ned	Rancho Palos Verdes	CA	90275	N/A

US-CL-CURRENT: 463/39; 345/156, 345/158, 463/32, 463/40, 463/8

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Image
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☐ 3. Document ID: US 5701131 A

Entry 3 of 8

File: USPT

Dec 23, 1997

US-PAT-NO: 5701131  
DOCUMENT-IDENTIFIER: US 5701131 A

TITLE: Display apparatus  
DATE-ISSUED: December 23, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kuga; Kaeko	Kyoto	N/A	N/A	JPX

US-CL-CURRENT: 345/8; 345/156

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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☐ 4. Document ID: US 5288078 A

Entry 4 of 8

File: USPT

Feb 22, 1994

US-PAT-NO: 5288078  
DOCUMENT-IDENTIFIER: US 5288078 A

TITLE: Control interface apparatus  
DATE-ISSUED: February 22, 1994

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Capper; David G.	Sausalito	CA	94965	N/A
Axelrod; Stan	Foret Knolls	CA	N/A	N/A

US-CL-CURRENT: 463/39; 345/156, 463/8

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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☐ 5. Document ID: US 5229756 A

Entry 5 of 8

File: USPT

Jul 20, 1993

US-PAT-NO: 5229756  
DOCUMENT-IDENTIFIER: US 5229756 A

TITLE: Image control apparatus  
DATE-ISSUED: July 20, 1993

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kosugi; Naohiro	Hamamatsu	N/A	N/A	JPX
Yoshimura; Katsuji	Hamamatsu	N/A	N/A	JPX
Semba; Youji	Hamamatsu	N/A	N/A	JPX

US-CL-CURRENT: 345/156; 463/36

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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☐ 6. Document ID: US 5038144 A,

Entry 6 of 8

File: USPT

Aug 6, 1991

US-PAT-NO: 5038144  
DOCUMENT-IDENTIFIER: US 5038144 A

TITLE: Forearm mounted multi-axis remote control unit  
DATE-ISSUED: August 6, 1991

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kaye; Roger	Fort Ann	NY	12827	N/A

US-CL-CURRENT: 341/176; 340/825.72, 345/156, 434/307R, 463/39

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Image
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☐ 7. Document ID: US 4927987 A

Entry 7 of 8

File: USPT

May 22, 1990

US-PAT-NO: 4927987  
DOCUMENT-IDENTIFIER: US 4927987 A

TITLE: Directional control device  
DATE-ISSUED: May 22, 1990

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kirchgessner; Steven J.	Talbot	TN	37877	N/A

US-CL-CURRENT: 200/5R; 200/52R, 345/156, 345/168

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Image
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☐ 8. Document ID: US 4813682 A

Entry 8 of 8

File: USPT

Mar 21, 1989

US-PAT-NO: 4813682  
DOCUMENT-IDENTIFIER: US 4813682 A

TITLE: Video target control and sensing circuit for photosensitive gun  
DATE-ISSUED: March 21, 1989

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Okada; Satoru	Osaka	N/A	N/A	JPX

US-CL-CURRENT: 463/5; 345/156, 382/313, 434/20, 434/22

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Image
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Entry 1 of 22

File: USPT

May 18, 1999

US-PAT-NO: 5904621

DOCUMENT-IDENTIFIER: US 5904621 A

TITLE: Electronic game with infrared emitter and sensor

DATE-ISSUED: May 18, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Small; David Bernard	San Jose	CA	N/A	N/A
Farley; Brian Douglas	Danville	CA	N/A	N/A
Jones; Jeffrey	Highland Park	IL	N/A	N/A
Rago; Paul S.	Pleasanton	CA	N/A	N/A

US-CL-CURRENT: [463/52](#); [434/22](#), [463/53](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Image
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☐ 2. Document ID: US 5842300 A

Entry 2 of 22

File: USPT

Dec 1, 1998

US-PAT-NO: 5842300

DOCUMENT-IDENTIFIER: US 5842300 A

TITLE: Retrofittable laser and recoil system for a firearm

DATE-ISSUED: December 1, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cheshelski; Ben	Melbourne	FL	N/A	N/A
Caraway; Edward Lee	Indialantic	FL	N/A	N/A
Gazaway; Andrew R.	Alpharetta	GA	N/A	N/A
Belgin; Michael F.	Indialantic	FL	N/A	N/A

US-CL-CURRENT: [42/103](#); [42/50](#), [42/7](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Image
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☐ 3. Document ID: US 5785592 A

Entry 3 of 22

File: USPT

Jul 28, 1998

US-PAT-NO: 5785592  
DOCUMENT-IDENTIFIER: US 5785592 A

TITLE: Interactive target game system  
DATE-ISSUED: July 28, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Jacobsen; Stephen C.	Salt Lake City	UT	N/A	N/A

US-CL-CURRENT: 463/7; 273/349, 273/355, 273/358, 463/52, 463/53, 472/129, 472/43,  
472/62

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Image
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☐ 4. Document ID: US 5716275 A

Entry 4 of 22

File: USPT

Feb 10, 1998

US-PAT-NO: 5716275  
DOCUMENT-IDENTIFIER: US 5716275 A

TITLE: Running model for a race game machine  
DATE-ISSUED: February 10, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wada; Jingo	Sagamihara	N/A	N/A	JPX
Uehara; Isao	Zama	N/A	N/A	JPX

US-CL-CURRENT: 463/62; 446/286, 463/61

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Image
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☐ 5. Document ID: US 5704612 A

Entry 5 of 22

File: USPT

Jan 6, 1998

US-PAT-NO: 5704612  
DOCUMENT-IDENTIFIER: US 5704612 A

TITLE: Arcade game with color sensing apparatus  
DATE-ISSUED: January 6, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kelly; Matthew F.	Dublin	CA	N/A	N/A
Kelly; Bryan M.	Dublin	CA	N/A	N/A
Petermeier; Norman B.	Saratoga	CA	N/A	N/A
Goodman; John J.	Pacheco	CA	N/A	N/A

US-CL-CURRENT: 273/402; 273/352, 273/371, 273/398, 463/7, 473/17

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Image
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☐ 6. Document ID: US 5537212 A

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File: USPT

Jul 16, 1996

US-PAT-NO: 5537212  
DOCUMENT-IDENTIFIER: US 5537212 A

TITLE: Method and apparatus for sensing the color of an object  
DATE-ISSUED: July 16, 1996

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kelly; Bryan M.	Dublin	CA	N/A	N/A
Goodman; John J.	Pacheco	CA	N/A	N/A

US-CL-CURRENT: 356/406; 250/226

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Image
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☐ 7. Document ID: US 5491492 A

Entry 7 of 22

File: USPT

Feb 13, 1996

US-PAT-NO: 5491492  
DOCUMENT-IDENTIFIER: US 5491492 A

TITLE: Method and apparatus for eye tracking for convergence and strabismus measurement  
DATE-ISSUED: February 13, 1996

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Knapp; R. Benjamin	Sebastopol	CA	N/A	N/A
Hake; Lisa E.	Sebastopol	CA	N/A	N/A
Lusted; Hugh S.	Sausalito	CA	N/A	N/A

US-CL-CURRENT: 345/8; 351/209, 351/210

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Image
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☐ 8. Document ID: US 5422689 A

Entry 8 of 22

File: USPT

Jun 6, 1995

US-PAT-NO: 5422689  
DOCUMENT-IDENTIFIER: US 5422689 A

TITLE: Method and apparatus for eye tracking for convergence and strabismus measurement  
DATE-ISSUED: June 6, 1995

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Knapp; R. Benjamin	Sebastopol	CA	N/A	N/A
Hake; Lisa E.	Sebastopol	CA	N/A	N/A
Lusted; Hugh S.	Sausalito	CA	N/A	N/A

US-CL-CURRENT: 351/208; 351/209, 351/246

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Image
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☐ 9. Document ID: US 5419549 A

Entry 9 of 22

File: USPT

May 30, 1995



US-PAT-NO: 5419549  
DOCUMENT-IDENTIFIER: US 5419549 A

TITLE: Baseball pitcher game and trainer apparatus  
DATE-ISSUED: May 30, 1995

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Galloway; William R.	Olathe	KS	N/A	N/A
Galloway; Richard H.	Des Moines	IA	N/A	N/A
Ellison; Allen B.	Kansas City	MO	N/A	N/A
West; Charles R.	Kansas City	MO	N/A	N/A

US-CL-CURRENT: 473/431; 273/371, 273/374, 473/455

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Image
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☐ 10. Document ID: US 5293187 A

Entry 10 of 22

File: USPT

Mar 8, 1994

US-PAT-NO: 5293187  
DOCUMENT-IDENTIFIER: US 5293187 A

TITLE: Method and apparatus for eye tracking for convergence and strabismus measurement  
DATE-ISSUED: March 8, 1994

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Knapp; R. Benjamin	Pacifica	CA	N/A	N/A
Hake; Lisa E.	Pacifica	CA	N/A	N/A
Lusted; Hugh S.	Palo Alto	CA	N/A	N/A

US-CL-CURRENT: 351/210; 351/209, 351/246

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Image
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File: USPT

Feb 10, 1998

US-PAT-NO: 5717432

DOCUMENT-IDENTIFIER: US 5717432 A

TITLE: Signal input device

DATE-ISSUED: February 10, 1998

US-CL-CURRENT: 345/173; 178/18.04

APPL-NO: 8/ 376066

DATE FILED: January 20, 1995

PARENT-CASE:

This is a continuation of application Ser. No. 08/074,285 filed on Jun. 8, 1993, which is a file wrapper continuation of Ser. No. 07/756,217 filed on Sep. 5, 1991, now both abandoned.

FOREIGN-APPL-PRIORITY-DATA:

FOREIGN-PRIORITY-APPL-NO: JP 2-238788

FOREIGN-PRIORITY-APPL-DATE: September 6, 1990

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BRS	L7	1	4415153.pn.	USPAT 1999/11/26 13:25
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BRS	L14	115	vibration adj switch	USPAT 1999/11/26 13:50
BRS	L15	0	11 and 14	USPAT 1999/11/26 13:53
BRS	L16	25165	fiber adj optic	USPAT 1999/11/26 13:53
BRS	L17	29972	optical adj fiber	USPAT 1999/11/26 13:54
BRS	L18	44766	16 or 17	USPAT 1999/11/26 13:54
BRS	L19	121	8 and 18	USPAT 1999/11/26 13:55
BRS	L20	0	2 and 19	USPAT 1999/11/26 14:27
BRS	L21	2658	light adj pen	USPAT 1999/11/26 14:53
BRS	L22	187	18 and 21	USPAT 1999/11/26 14:54
BRS	L23	1	11 and 22	USPAT 1999/11/26 14:54

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USPT	vibration adj detector	628	<u>L18</u>
USPT	l14 and l16	0	<u>L17</u>
USPT	345/173.ccls.	658	<u>L16</u>
USPT	l10 and l14	1	<u>L15</u>
USPT	sound adj detector	489	<u>L14</u>
USPT	l10 and l12	0	<u>L13</u>
USPT	whacking	12	<u>L12</u>
USPT	whacking adj game	0	<u>L11</u>
USPT	game adj device	1589	<u>L10</u>
USPT	l4 and l8	22	<u>L9</u>
USPT	photodetector	24245	<u>L8</u>
USPT	l1 and l4	8	<u>L7</u>
USPT	l1 and l2 and l4	0	<u>L6</u>
USPT	l2 and l3 and l4	2	<u>L5</u>
USPT	game adj apparatus	3266	<u>L4</u>
USPT	photosensor	10656	<u>L3</u>
USPT	image adj processing	22885	<u>L2</u>
USPT	345/156.ccls.	552	<u>L1</u>